

EPA Registration Number 11603-45 Vol. 1

MATERIAL TO BE ADDED TO JACKET

REG #

11603-45-

Description:

Notification for label revisions-

Under PRN 2007-4, 2007-1, 2001-1
@ 98-10

check all that apply	
<input type="checkbox"/>	new stamped accepted label
<input type="checkbox"/>	new CSF
<input checked="" type="checkbox"/>	notification

Send to CSC

Instructions:

Attach this sheet to the top of **ALL** material sent to the file room (both loose paper and new material in jackets). This sheet will be imaged; a clear description will aid in finding material in the e-jacket. Remove staples from all material. If returning loose paper then hold together with a binder or paper clip. CSFs should be placed in the CSF folder (if returning jacket) or covered with a red CBI sheet (if returning loose paper). Material to be returned to file room should be place in the appropriate bin.

Reviewer's

Name:

Nicole Williams

Date:

12-7-09

Phone:

308-5551

Division:

121



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCE

Christie Hitchcock
Celsius Property B.B., Amsterdam (NL)
c/o Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Rd., Suite 300
Raleigh, NC 27609

NOV 27 2009

Subject: Notification(s) for Label Revisions under PRN 2007-4, 2007-1, 2001-1, and 98-10

1. Reworded emergency responder phone number in first aid section
2. Deleted emergency responder phone number for spill, leak, for or accident in hot line number section

Dear Ms. Hitchcock:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 2007-4, 2007-1, 2001-1, and 98-10 dated October 28, 2009 for:

EPA Registration 11603-45

Nitrapyrin Technical Herbicide

The Registration Division (RD) has conducted a review of the request(s) for applicability under PRN 2007-4, 2007-1, 2001-1, and 98-10 and finds that the label changes requested fall within the scope of PRN 2007-4, 2007-1, 2001-1, and 98-10. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identify the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 11603-45	2. EPA Product Manager Linda Arrington	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Nitrapyrin Technical Herbicide	PM# Registration Support Branch	
5. Name and Address of Applicant (Include ZIP Code) Agan Chemical Manufacturers, Ltd. c/oMakhteshim Agan of North America, Inc. 4515 Falls of Neuse Rd, Suite 300, Raleigh, NC 27609 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

NOV 27 2009

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance of PR Notice 2007-4 and requirements of EPA's regulations at 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statements to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

*See Page 2 for PR N99-10 language***Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted				<input checked="" type="checkbox"/> Plastic	
If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container		<input checked="" type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 55 lbs or less; greater than 55 lbs		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other Self-Adhesive			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Christie Hitchcock		Title Regulatory Specialist		Telephone No. (Include Area Code) 919-256-9342	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature <i>Christie Hitchcock</i>		3. Title Regulatory Specialist			
4. Typed Name Christie Hitchcock		5. Date 10-28-09			



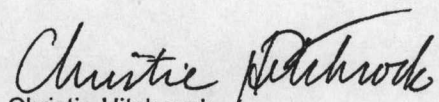
**Makhteshim Agan of
North America, Inc.**

October 28, 2009

Re: Nitrpyrin Technical; EPA Reg. No. 11603-45
Page Two attachment to 8570-1 form

Notification of label change relative to PR Notice 2007-1. This notification is consistent with the guidance in PR Notice 2007-1 and the requirements of EPA's regulations at 40 CFR 156.10 and 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the guidance of PR Notice 2007-1 and the requirements of 40 CFR 156.10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Notification of label change relative to PR Notice 2001-1. This Notice is intended to provide guidance to EPA personnel, pesticide registrants and applicants, and the public. As a guidance document, this policy is not binding on either EPA or any outside parties, and EPA may depart from the guidance where circumstances warrant and without prior notice. Registrants and applicants may propose alternatives to the recommended labeling statements described in this Notice and the Agency will assess them for appropriateness on a case-by-case basis. If a product does not meet the requirements of 40 CFR 156, the Agency may find the product to be misbranded. As stated above, the Agency believes that the statements outlined in this Notice will better protect human health and are appropriate within the meaning of 40 CFR 156.10 (h)(iii).


Christie Hitchcock
Regulatory Specialist
Regulatory Affairs, MANA
on behalf of Agan Chemical Manufacturers, Ltd.

4515 Falls of Neuse Road, Suite 300, Raleigh NC 27609
T: 919.256.9300 ♦ F: 919.256.9308



October 28, 2009

Document Processing Desk (NOTIF)
Registration Division (7504P)
OPP, USEPA
Ariel Rios Building
1200 Pennsylvania Ave, NW
Washington, DC 20460

Re: Nitrapyrin Technical Herbicide; EPA Reg. No. 11603-45
Notification per PRN 2001-1, 2007-1 and 2007-4

To Whom It May Concern:

On behalf of Agan Chemical Manufacturers, Ltd., Makhteshim Agan of North America, Inc. is notifying the Agency of an update for the above mentioned label as allowed in PR Notices 2001-1, 2007-1 and 2007-4. The changes made are summarized below:

- Reworded Emergency Responder phone number information in First Aid section (allowed per PRN 2001-01 §III(I))
- Removed Emergency Responder phone number for Spill, Leak, Fire or Accident in Hot Line Number section (allowed per PRN 2007-01 §II(C)(3)).
- Updated container disposal instructions per PRN 2007-4

In support of this submission, the following documents are attached:

- Application for Pesticide Registration (EPA Form 8570-1) – two pages
- One copy of final printed labeling

Please contact me at 919-256-9342 or by email at chitchcock@manainc.com if you have any questions regarding this submission or would like a copy of the annotated label showing the changes for your files.

Sincerely,

Christie Hitchcock
Regulatory Specialist

Enclosures

4515 Falls of Neuse Road, Suite 300, Raleigh NC 27609
T: 919.256.9305 ♦ F: 919.256.9308

NITRAPYRIN TECHNICAL

For Manufacturing Use Only

NOTIFICATION

NOV 27 2009

Active Ingredient:

Nitrapyrin: 2-chloro-6-(trichloromethyl)pyridine

Impurities:

TOTAL

% BY WT.

94.2%

5.8%

100.0%

Manufactured for:

Agan Chemical Manufacturers, Ltd.
c/o Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Rd., Suite 300
Raleigh, NC 27609

EPA Reg. No. 11603-45

EPA Est. No. [REDACTED]

NET CONTENTS: 121 LBS (55 KG)

KEEP OUT OF REACH OF CHILDREN WARNING

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

IF IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact Prostar at 1-877-250-9291 for emergency medical treatment information.

Note to Physician: This product causes substantial but temporary eye injury. Treat symptomatically.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Warning Causes substantial but temporary eye injury. Wear protective eyewear. Harmful if swallowed or absorbed through skin. Harmful if inhaled. Do not get in eyes or on clothing. Avoid breathing vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some people.

Wear protective clothing, protective eyewear, and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Nitrapyrin Technical nitrogen stabilizer may be used for formulation into other manufacturing use products or end-use products for use as a nitrification inhibitor on corn, sorghum, and wheat. This product may be used to formulate products for specific use(s) not listed on this label if the formulator, user group, or grower has complied with the U.S. EPA submission requirements regarding the support of such use(s). Consult Agan Chemical Manufacturers, Ltd. for instructions for formulation and other information.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Store in original container above 28°F. In case of leak or spill, contain material with absorbent materials and dispose as waste.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Or offer for reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Agan Chemical Manufacturers, Ltd. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Agan Chemical Manufacturers, Ltd. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Agan Chemical Manufacturers, Ltd. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Agan Chemical Manufacturers, Ltd. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Agan Chemical Manufacturers, Ltd.'s election, the replacement of product.

Nitrapyrin Technical (11603-45)(EPA app 5-2-08)(notif to EPA 10-28-09)



U.S. ENVIRONMENTAL PROTECTION
AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

11603-45

Date of Issuance:

2 MAY 2008

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance: conditional

Name of Pesticide Product:

Nitrapyrin Technical

Name and Address of Registrant (include ZIP Code):

Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Rd., Suite 300
Raleigh, NC 27609

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.

2. Make the following label changes:

a. Revise the Precautionary Statements to the following:

“Warning. Causes substantial but temporary eye injury. Wear protective eyewear. Harmful if swallowed or absorbed through skin. Harmful if inhaled. Do not get in eyes or on clothing. Avoid breathing vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some people.”

“Wear protective clothing, protective eyewear, and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing before reuse.”

Signature of Approving Official:

Joanne I. Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

Joanne I. Miller

Date:

2 MAY 2008

- b. Revise the order of the First Aid statement to the following to reflect the most severe routes of exposure: 1) If In Eyes, 2) If Swallowed, 3) If on Skin or Clothing, 4) If Inhaled.
- c. It is recommended that you add a Note to Physician regarding eye irritation at the bottom of the First Aid statement.
- d. Revise the statement beginning, "Nitrpyrin Technical nitrogen stabilizer may be used for..." to read, "Nitrpyring Technical nitrogen stabilizer may be used for formulation into other manufacturing use products or end-use products for use as a nitrification inhibitor on corn sorghum, and wheat."
- e. Add the EPA registration number 11603-45.
- f. Add the appropriate EPA establishment number.
- g. Add the appropriate new contents information.
- h. Submit one copy of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

If you have any questions, please contact Kathryn Montague at 703-305-1243 or montague.kathryn@epa.gov.

ACCEPTED
with COMMENTS
In EPA Letter Dated:
2 MAY 2008

**NITRAPYRIN
TECHNICAL**
For Manufacturing Use Only

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

Active Ingredient:

Nitrapyrin: 2-chloro-6-(trichloromethyl)pyridine

11603-45

94.2%

Impurities:

5.8%

Total 100.0%

EPA Reg. No. 11603-xx

EPA Establishment No. xxxx

Net Contents: _____ lbs

Manufactured for:

Agan Chemical Manufacturers, Ltd.

4515 Falls of Neuse Rd., Suite 300

Raleigh, NC 27609

**KEEP OUT OF REACH OF CHILDREN
WARNING**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBERS

For 24-Hour Medical Emergency Assistance (Human or Animal), call Prosar at 1-877-250-9291.

For 24-Hour Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), call Infotrac at 1-800-535-5053.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

May be fatal if absorbed through skin from strong solutions. Causes moderate eye irritation. Harmful if swallowed. Harmful if inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Do not get in eyes, on skin, or on clothing. Wear protective clothing and rubber gloves. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Nitrapyrin Technical nitrogen stabilizer may be used for formulation into other manufacturing use products or end-use products for use on corn, sorghum, and wheat. This product may be used to formulate products for specific use(s) not listed on this label if the formulator, user group, or grower has complied with the U.S. EPA submission requirements regarding the support of such use(s). Consult Agan Chemical Manufacturers, Ltd. for instructions for formulation and other information.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Store in original container above 28°F. In case of leak or spill, contain material with absorbent materials and dispose as waste.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

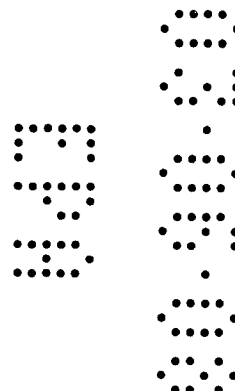
By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Agan Chemical Manufacturers, Ltd. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Agan Chemical Manufacturers, Ltd. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Agan Chemical Manufacturers, Ltd. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Agan Chemical Manufacturers, Ltd., disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Agan Chemical Manufacturers, Ltd. election, the replacement of product.

Nitrapyrin Technical (to EPA 2-26-08)(11603-xx)





**Makhteshim Agan of
North America, Inc.**

May 6, 2008

Document Processing Desk (FPL)
Registration Division (7504P)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave, NW
Washington DC 20460

Attn: Joanne Miller (23)
Registration Division
Submission of final printed labeling per EPA letter dated 4-2-08
Nitrapyrin Technical- EPA Reg. No. 11603-45

Dear Ms. Miller:

Agan Chemical Manufacturers Ltd. c/o Makhteshim Agan of North America, Inc. is submitting final printed labeling in response to your letter dated May 2, 2008. Changes have been made per your request.

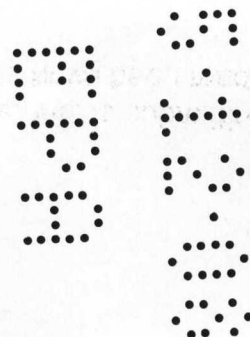
In support of this submission, the following documents are attached:

- Application for Pesticide Registration (8570-1)
- One copy of final printed labeling

Should you have questions about this application, please contact me at 901-861-4400 or email at janer@manainc.com.

Sincerely,

Jane Rothwell
Registration Specialist
Enclosures





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 11603-45	2. EPA Product Manager JoAnne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Nitrpyrin Technical	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Agan Chemical Manufacturers Ltd. c/o Makhteshim Agan of North America, Inc., 4515 Falls of Neuse Rd., Suite 300, Raleigh, NC 27609 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated 5-2-08
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of final printed labeling per EPA letter dated 5-2-08

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Jane Rothwell	Title Registration Specialist	Telephone No. (Include Area Code) 901-861-4400	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Specialist		
4. Typed Name Jane Rothwell	5. Date 5-6-08		

**NITRAPYRIN
TECHNICAL**
For Manufacturing Use Only

Active Ingredient:	% BY WT.
Nitrapyrin: 2-chloro-6-(trichloromethyl)pyridine.....	94.2%
Impurities:	5.8%
	Total 100.0%

EPA Reg. No. 11603-45

EPA Est. No. 84691-CHN-001

NET CONTENTS: 121 LBS (55 KG)

Manufactured for:
Agan Chemical Manufacturers, Ltd.
c/o Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Rd., Suite 300
Raleigh, NC 27609

**KEEP OUT OF REACH OF CHILDREN
WARNING**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBERS	
For 24-Hour Medical Emergency Assistance (Human or Animal), call Prostar at 1-877-250-9291. For 24-Hour Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), call Infotrac at 1-800-535-5053. Note to Physician: This product causes substantial but temporary eye injury. Treat symptomatically.	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Warning. Causes substantial but temporary eye injury. Wear protective eyewear. Harmful if swallowed or absorbed through skin. Harmful if inhaled. Do not get in eyes or on clothing. Avoid breathing vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some people.

Wear protective clothing, protective eyewear, and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Nitrapyrin Technical nitrogen stabilizer may be used for formulation into other manufacturing use products or end-use products for use as a nitrification inhibitor on corn, sorghum, and wheat. This product may be used to formulate products for specific use(s) not listed on this label if the formulator, user group, or grower has complied with the U.S. EPA submission requirements regarding the support of such use(s). Consult Agan Chemical Manufacturers, Ltd. for instructions for formulation and other information.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Store in original container above 28°F. In case of leak or spill, contain material with absorbent materials and dispose as waste.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

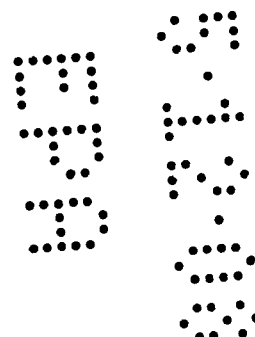
By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Agan Chemical Manufacturers, Ltd. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Agan Chemical Manufacturers, Ltd. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Agan Chemical Manufacturers, Ltd. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Agan Chemical Manufacturers, Ltd., disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Agan Chemical Manufacturers, Ltd's. election, the replacement of product.

Nitrapyrin Technical (11603-45)(EPA app 5-2-08)





**Makhteshim Agan of
North America, Inc.**

March 4, 2008

Office of Pesticide Programs (7504P)
USEPA
One Potomac Yard
2777 S. Crystal Drive, Room S-4900
Arlington, VA 22202

Attn: Kathryn Montague
Registration Division
Phone: 703-305-1243

Re: Submission of hard copies of documents sent via email
Nitrapyrin Technical EPA File Symbol: 11603-UL

Dear Ms. Montague:

Makhteshim Agan of North America, Inc. is submitting hard copies of correspondence previously sent via e mail to support the registration of Nitrapyrin Technical, EPA File Symbol 11603-UL.

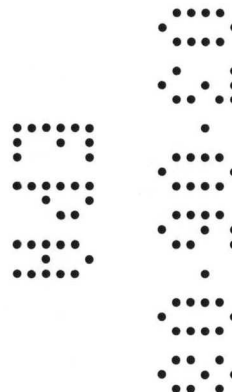
In support of this submission, the following documents are attached:

- Application for Pesticide Registration (8570-1)
- Revised Confidential Statement of Formula (8570-4)(2 copies)(dated 2-29-08)
- Five copies of revised label
- Three copies of the revised pages (4A of 4 and 4B of 4) for the study previously submitted entitled "Nitrapyrin Technical: Product Chemistry, Subdivision D: Guideline Series 63" (mrid # assigned: 47258803)

Should you have questions about this application, please contact me at 901-861-4400 or email at janer@manainc.com.

Sincerely,

Jane Rothwell
Registration Specialist
Enclosures





United States
Environmental Protection Agency
Washington, DC 20460

☒ Registration
☐ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 11603-UL	2. EPA Product Manager Kathryn Montague	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Nitrapyrin Technical	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Agan Chemical Manufacturers, Ltd., c/o Makhteshim Agan of North America, Inc., 4515 Falls of Neuse Rd., Suite 300, Raleigh, NC 27609 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of hard copies of documents sent via email to support registration of product referenced.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Jane Rothwell		Title Registration Specialist		Telephone No. (Include Area Code) 901-861-4400	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					
2. Signature 		3. Title Registration Specialist		6. Date Application Received (Stamped) 	
4. Typed Name Jane Rothwell		5. Date 3-4-08			

DATE OUT: 03/01/08

FEE

SUBJECT: FEE PRODUCT CHEMISTRY REVIEW OF MP [X]

NITRAPYRIN TECHNICAL

DP BARCODE No.: 348988

File Symbol No.: 11603-UL

COMPANY: AGAN CHEMICAL MANUFACTURERS, LTD

PCC: 069203

Decision No. 385186

Chemical Name: NITRAPYRIN

CAS No. 1929-82-4

USE: Herbicide

FROM:

(d) 03/04/08
Indira Gairola, Chemist
Product Chemistry Team
Technical Review Branch/RD (7505P) *sgf 03/04/08*

TO:

Joanne Miller /Kathryn Montague PM 23
Herbicide Branch/RD (7505P)

INTRODUCTION:

AGAN CHEMICAL MANUFACTURERS, LTD. is seeking registration for the subject product NITRAPYRIN TECHNICAL. Applicant has submitted Basic CSF dated 02/29/08. Applicant claims the subject product to be substantially similar to EPA Reg. No.62719-21.

SUMMARY OF FINDINGS:

Applicant AGAN CHEMICAL MANUFACTURERS, LTD has submitted MRID#s 472588-01,-02 &-03 for Product Chemistry data to support the registration of NITRAPYRIN TECHNICAL.

1. The submitted package was reviewed and details of product chemistry data will be discussed in the following Pages:
3. The Basic Formulation CSF dated 02/29/08 is filled out completely and correctly.
4. The certified limits are in compliance with 40 CFR158.350 (b) (2).

Manufacturing process information may be entitled to confidential treatment

5. Average recovery of Nitrapyrin ranged from acceptable level of 93.45%-95.39%
Mean Average =94.21%.
6. The subject product to be substantially similar to EPA Reg. No.62719-21, from Chemistry point of view, although there is some difference in impurity profile, the subject product has [REDACTED] common impurities out of [REDACTED] while the cited product has [REDACTED] impurities .

CONCLUSIONS:

TRB has reviewed the product chemistry data submitted for the above mentioned subject product and has concluded that:

1. Product Chemistry data requirements for subgroup A are satisfactory and fulfill the requirement of OPP test guidelines.
2. Certified limits are in compliance with 40CFR.350 (b) (2). See CONFIDENTIAL APPENDIX.
3. Average recovery of Nitrapyrin MP ranged from acceptable level of 93.45%-95.39%
Mean Average =94.21%.
4. The Basic Formulation CSF dated 02/29/08 is acceptable.
5. The subject product to be substantially similar to EPA Reg. No.62719-21, from Chemistry point of view. See finding #6.
6. Product Chemistry data requirements for subgroup B completely fulfill the requirement of OPP test guidelines.

Note to the PM:

It may be noted that the applicant has provided additional data for Sub Group B, updated CSF (dated 2/29/08) and a revised label, all these data are clipped together, please include them in file in order to update the file.

Sub Group 'A' Guidelines Series 830.1550-1900
DP BAR CODE: 348988 File Symbol No.: 11603-UL
PRODUCT NAME: NITRAPYRIN TECHNICAL

.Table 1:Manufacturing and Impurity Data for DICAMBA TECHNICAL				
GLN	Requirement	MRID	Status ¹	Details and/or Deficiency ²
830.1550	Product Identity & Disclosure of Ingredients		A	02/26/08
830.1620 830.1650 830.1650	Starting Materials & Manufacturing Process		A	MRID # 472588-01
830.1670	Discussion of Impurities		A	MRID # 472588-01
830.1700	Preliminary Analysis		A	MRID # 472588-02
830.1750	Certification of Limits		A	02/26/08
830.1800	Analytical Methods		A	MRID # 472588-01
¹ A = Acceptable; N = Unacceptable (see Deficiency); N/A = Not Applicable. ² Refer to CBI Appendix A for details.				

DP BAR CODE: 348988 File Symbol No.: 11603-UL PRODUCT NAME:
NITRAPYRIN TECHNICAL REVIEW THIS PORTION ON TUESDAY
Sub Group 'B' Guidelines Series 158.310

Table 2: Physical and Chemical Properties for DICAMBA TECHNICAL EPA REG. NO.: 11603-UL				
GLN	Requirement	MRID	Status ¹	Result ² or Deficiency
830.6302	Color	472588-03	A	White
830.6303	Physical State	472588-03	A	solid crystals
830.6304	Odor	472588-03	A	Mildly sweet
830.6313	Stability	472588-03	I	In progress
830.6314	Oxidation / Reduction	NA	NA	Product is neither oxidizing nor reducing agent
830.6315	Flammability		A	F lash point >93 °C
830.6316	Explosability	NA	A	The product does not contain potentially explosive ingredients
830.6317	Storage Stability	I	I	
830.6319	Miscibility		NA	
830.6320	Corrosion Characteristics	I	I	
830.7000	pH	472588-03	A	4.76 (as 1% w/w soln)
830.7050	UV/Visible Absorption	470484-02	A	cited
830.7001	Viscosity	NA	A	Product is not a liquid
830.7200	Melting Point/ Melting Range		A	93°C
830.7220	Boiling Point/ Boiling Range		A	136°C
830.7300	Density/ Relative Density/ Bulk Density	472588-03	A	0.981 g/ mol @ 20°C
830.7370	Dissociation Constant in Water	NA	A	Does not dissociate in water
830.7550 830.7560 30.7550	Partition Coefficient (Octanol/Water)		A	Kow: Log P= 3.32

Table 2: Physical and Chemical Properties for DICAMBA TECHNICAL EPA REG. NO.: 11603-UL				
GLN	Requirement	MRID.	Status ¹	Result ² or Deficiency
830.7840	Solubility		A	72 pap in water @25°C, 540g/kg in anhydrous Amm@22°C, 300g/kg in ethanol 20°C, 1.98 kg//kg in acetone, 1.04kg/kg in xylem @26°C, 1.85 kg/kg in dichloromethane @26°C
830.7950	Vapor Pressure			6.4x102 map (25°C)
¹ A = Acceptable; N = Unacceptable (see Deficiency); N/A = Not applicable, I= incomplete				

IDENTITY AND COMPOSITION

Details of the active ingredient:

Common name: Nitrapyrin

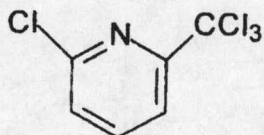
Chemical names:

2-chloro-6-(trichloromethyl) pyridine (CAS)

2-chloro-6-trichloromethyl pyridine (IUPAC)

CAS RN: 1929-82-4

Structural formula:



CERTIFIED LIMITS

Please refer to the attached CSF

Confidential Statement of Formula may be entitled to confidential treatment



Leanne Pruett
<lpruett@manainc.com>
02/27/2008 04:31 PM

To Indira Gairola/DC/USEPA/US@EPA
cc Joanne Miller/DC/USEPA/US@EPA, Kathryn
Montague/DC/USEPA/US@EPA, Annie Stout
<annies@manainc.com>, Robert Everich
bcc
Subject Nitrapyrin Technical updated CSF, Label and Phys/Chem
Characteristics

Dear Dr. Gairola –

As per our telephone conversation yesterday, please find attached these updated and corrected documents to support our registration application for nitrapyrin technical.

I have attached the following items:

- an updated CSF, which reflects the correct percent a.i., upper and lower certified limits, and correct phys/chem. values
- an updated product label, which reflects the correct percent a.i.
- correction pages 4A and 4B for the Nitrapyrin technical product chemistry study (MRID 47258803), which reflects or appropriately cites all required Physical and Chemical characteristics.

I believe this should correct all the deficiencies that you have with our chemistry package. Thank you for allowing us the opportunity to do so.

Best Regards,

P. Leanne Pruett

Regulatory Product Manager

Makhteshim Agan of North America, Inc.

Tel: (919) 256-9323

Fax: (919) 256-9308

lpruett@manainc.com



Nitrapyrin Tech CSF 2-26-08.pdf Nitrapyrin Tech Lbl 2-26-08.pdf Phys Chem - MRID 47258803 Replacement pages 4A and 4B.pdf

**NITRAPYRIN
TECHNICAL**
For Manufacturing Use Only

Active Ingredient:

Nitrapyrin: 2-chloro-6-(trichloromethyl)pyridine 94.2%

Impurities: 5.8%

Total 100.0%

EPA Reg. No. 11603-xx

EPA Establishment No. xxxx

Net Contents: _____ lbs

Manufactured for:

Agan Chemical Manufacturers, Ltd.

4515 Falls of Neuse Rd., Suite 300

Raleigh, NC 27609

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WARNING**

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IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
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For 24-Hour Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), call Infotrac at 1-800-535-5053.	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

May be fatal if absorbed through skin from strong solutions. Causes moderate eye irritation. Harmful if swallowed. Harmful if inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Do not get in eyes, on skin, or on clothing. Wear protective clothing and rubber gloves. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

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LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Agan Chemical Manufacturers, Ltd. election, the replacement of product.

Nitrapyrin Technical (to EPA 2-26-08)(11603-xx)

PRODUCT CHEMISTRY
Physical and Chemical Properties
NITRAPYRIN TECHNICAL

830.6302	Color: White (results from Eurofins / PSL GLP Study No. 23455)
830.6303	Physical State: Crystalline Solid (results from Eurofins / PSL GLP Study No. 23455)
830.6304	Odor: Mildly sweet odor (results from Eurofins / PSL GLP Study No. 23455)
830.6313	Stability to normal and elevated temperatures, metals and metal ions: Study In Progress (Eurofins / PSL GLP Study No. 23456)
830.6314	Oxidation/reduction: chemical incompatibility Not Applicable. The product is neither an oxidizer or a reducer based on the molecular formula.
830.6315	Flammability Flash Point: >93°C (TAG Closed Cup) Reference: The Pesticide Manual, 12 th Ed. 2000, Brit. Crop. Prot. Council. P 675.
830.6316	Explosability Not Applicable. The product is not an Explosability hazard based on the molecular formula.
830.6317	Storage Stability Study In Progress
830.6319	Miscibility Not required: product is not a liquid, and product is not diluted with any petroleum solvent.
830.6320	Corrosion Characteristics Study In Progress
830.6321	Dielectric Breakdown Voltage Not required: product is not a liquid and product is not used around electrical equipment
830.7000	pH: 4.76 (as a 1% w/w solution) (results from Eurofins / PSL GLP Study No. 23455)
830.7050	UV/Visible light absorption Test substance for this study is pure active ingredient; we are citing an existing study to fulfill this data gap. Specific Reference: MRID 47048402
830.7100	Viscosity Not required: product is not a liquid

830.7200	Melting point / melting range 63°C Reference: Handbook of Chemistry and Physics, 75 th Ed. CRC Press, 1994, p.3-222
830.7220	Boiling point / boiling range 136°C Reference: Handbook of Chemistry and Physics, 75 th Ed. CRC Press, 1994, p.3-222
830.7300	Density / relative density / bulk density: Bulk Density is 0.981 g/ml (results from Eurofins / PSL GLP Study No. 23455)
830.7370	Dissociation constants in water Not Applicable Product does not dissociate in water. Aqueous DT50 7.4 days, Photolysis DT50 9.4 days. Reference: The Pesticide Manual, 12 th Ed. 2000, Brit. Crop. Prot. Council. P 675.
830.7520	Particle size, fiber length, and diameter distribution Not Applicable: test substance is not water-insoluble.
830.7550	Partition coefficient (n-octanol/water) Kow: LogP=3.32 Reference: The Pesticide Manual, 12 th Ed. 2000, Brit. Crop. Prot. Council. P 675.
830.7840	Water Solubility In water (25°C) 72 ppm In anhydrous ammonia (22°C) 540g/kg In ethanol (20°C) 300g/kg In acetone (26°C) 1.98 kg/kg In dichloromethane (26°C) 1.85 kg/kg In xylene (26°C) 1.04 kg/kg Reference: The Pesticide Manual, 12 th Ed. 2000, Brit. Crop. Prot. Council. P 675.
830.7950	Vapor Pressure 6.4 x 10 ² mPa (25°C) Reference: The Pesticide Manual, 12 th Ed. 2000, Brit. Crop. Prot. Council. P 675.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

28/FEB/2008

MEMORANDUM

Subject: Name of Pesticide Product: Nitrapyrin Technical
EPA Reg. No. /File Symbol: 11603-UL
DP Barcode: 348989
Decision No.: 385186
PC Codes: 069203

From: Masih Hashim, Toxicologist *MH*
Technical Review Branch
Registration Division (7505P) *RJW*

To: Kathryn Montague, RM Team 23
Herbicide Branch
Registration Division (7505P)

Applicant: Agan Chemical Manufacturing Ltd.

FORMULATION FROM LABEL:

<u>Active Ingredient(s):</u>	<u>% by wt.</u>
Nitrapyrin	90.0
<u>Inert Ingredient(s):</u>	<u>10.0</u>
Total:	100.0

ACTION REQUESTED: The Risk Manager requests a similarity action for the cited and the proposed products: #62719-21 and File Symbol #11603-UL.

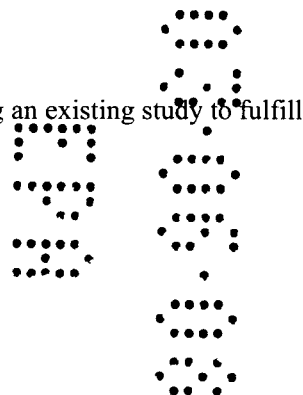
RECOMMENDATIONS: The cited and the proposed products are substantially similar in toxicity, TRB has no objection to bridging data between them. The CSF for the proposed product should be approved by Product Chemistry.

The Signal Word is WARNING.

This memorandum pertains only to the decision concerning whether the subject product is substantially similar to the cited product from an acute toxicological view point. For the purposes of this action, TRB has made no determinations of the adequacy of the toxicological data base or the precautionary label of the cited product.

PRODUCT CHEMISTRY
Physical and Chemical Properties
NITRAPYRIN TECHNICAL

830.6302	Color: White (results from Eurofins / PSL GLP Study No. 23455)
830.6303	Physical State: Crystalline Solid (results from Eurofins / PSL GLP Study No. 23455)
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830.6313	Stability to normal and elevated temperatures, metals and metal ions: Study In Progress (Eurofins / PSL GLP Study No. 23456)
830.6314	Oxidation/reduction: chemical incompatibility Not Applicable. The product is neither an oxidizer or a reducer based on the molecular formula.
830.6315	Flammability Flash Point: >93°C (TAG Closed Cup) Reference: The Pesticide Manual, 12 th Ed. 2000, Brit. Crop. Prot. Council. P 675.
830.6316	Explodability Not Applicable. The product is not an Explodability hazard based on the molecular formula.
830.6317	Storage Stability Study In Progress
830.6319	Miscibility Not required: product is not a liquid, and product is not diluted with any petroleum solvent.
830.6320	Corrosion Characteristics Study In Progress
830.6321	Dielectric Breakdown Voltage Not required: product is not a liquid and product is not used around electrical equipment
830.7000	pH: 4.76 (as a 1% w/w solution) (results from Eurofins / PSL GLP Study No. 23455)
830.7050	UV/Visible light absorption Test substance for this study is pure active ingredient; we are citing an existing study to fulfill this data gap. Specific Reference: MRID 47048402
830.7100	Viscosity Not required: product is not a liquid



- 830.7200 **Melting point / melting range**
63°C
Reference: Handbook of Chemistry and Physics, 75th Ed. CRC Press, 1994, p.3-222
- 830.7220 **Boiling point / boiling range**
136°C
Reference: Handbook of Chemistry and Physics, 75th Ed. CRC Press, 1994, p.3-222
- 830.7300 **Density / relative density / bulk density:**
Bulk Density is 0.981 g/ml
(results from Eurofins / PSL GLP Study No. 23455)
- 830.7370 **Dissociation constants in water**
Not Applicable
Product does not dissociate in water. Aqueous DT50 7.4 days, Photolysis DT50 9.4 days.

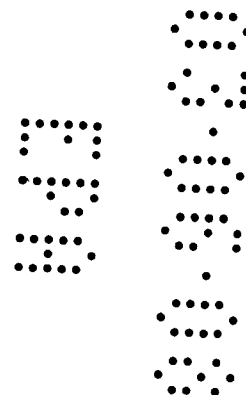
Reference: The Pesticide Manual, 12th Ed. 2000, Brit. Crop. Prot. Council. P 675.
- 830.7520 **Particle size, fiber length, and diameter distribution**
Not Applicable: test substance is not water-insoluble.
- 830.7550 **Partition coefficient (n-octanol/water)**
Kow: LogP=3.32

Reference: The Pesticide Manual, 12th Ed. 2000, Brit. Crop. Prot. Council. P 675.
- 830.7840 **Water Solubility**

In water (25°C)	72 ppm
In anhydrous ammonia (22°C)	540g/kg
In ethanol (20°C)	300g/kg
In acetone (26°C)	1.98 kg/kg
In dichloromethane (26°C)	1.85 kg/kg
In xylene (26°C)	1.04 kg/kg

Reference: The Pesticide Manual, 12th Ed. 2000, Brit. Crop. Prot. Council. P 675.
- 830.7950 **Vapor Pressure**
6.4 x 10² mPa (25°C)

Reference: The Pesticide Manual, 12th Ed. 2000, Brit. Crop. Prot. Council. P 675.



Erik Kraft/DC/USEPA/US
02/19/2008 01:44 PM

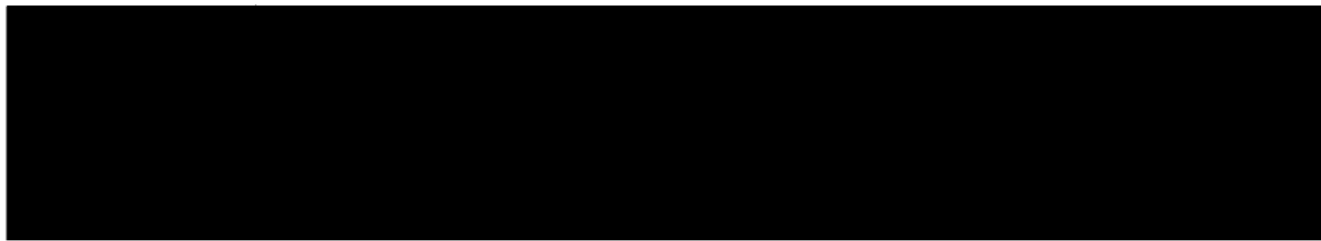
To Kathryn Montague/DC/USEPA/US@EPA
cc Annie Stout <annies@manainc.com>
bcc
Subject Fw: Nitrpyrin Technical; 11603-UL

Kathryn,

Here is an email from Annie Stoute on a product that you are working on 11603-UL. I talked to her around Christmas time about and briefly remember the specifics. I asked her to call you to to explain it to you since it is your product, so she'll be calling you in a little bit.

-Erik

Hi Erik,
I finally have the revised CSF that needs to be added to our file as the basic instead of the one submitted with the original application.



Let me know if I need to submit this through "formal" channels with a cover letter and 8570-1 Application form.

Thanks, and sorry it took me so long.
Anne Stout
MANA, Inc.
Mail: PO Box 805, Collierville, TN 38027
Courier: 362 New Byhalia, Ste 1, Collierville, TN 38017
Phone: 901-861-4400
Fax: 901-861-4492

-----Original Message-----

From: Annie Stout
Sent: Tuesday, December 18, 2007 11:29 AM
To: 'kraft.erik@epa.gov'
Cc: Annie Stout
Subject: Nitrpyrin Technical

Hi Erik,
I'll be sending the revised label and CSF as soon as I get all the details from my commercial team.

Anne Stout
MANA, Inc.
Mail: PO Box 805, Collierville, TN 38027
Courier: 362 New Byhalia, Ste 1, Collierville, TN 38017
Phone: 901-861-4400
Fax: 901-861-4492

Commercial/financial information may be entitled to confidential treatment



scan of Nitrapyrin Technical CSF adding [REDACTED].pdf

----- Forwarded by Erik Kraft/DC/USEPA/US on 02/19/2008 01:41 PM -----



Annie Stout
<annies@manainc.com>

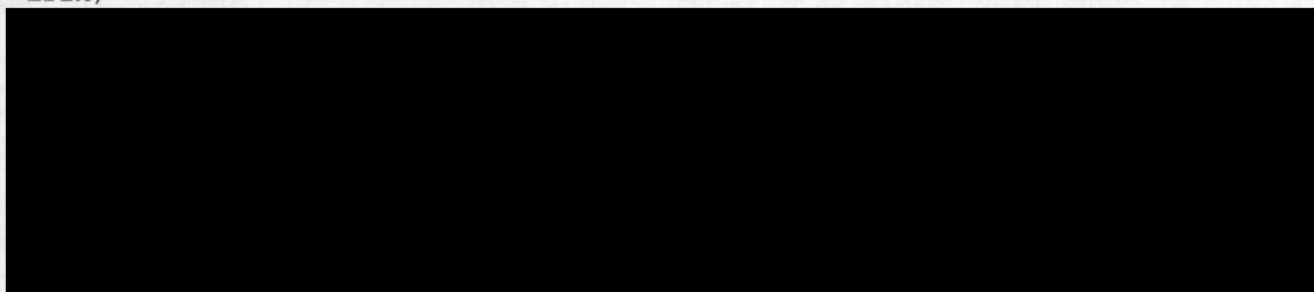
02/19/2008 01:27 PM

To Erik Kraft/DC/USEPA/US@EPA

cc

Subject RE: Nitrapyrin Technical; 11603-xxx

Erik,



Anne Stout
MANA, Inc.
Mail: PO Box 805, Collierville, TN 38027
Courier: 362 New Byhalia, Ste 1, Collierville, TN 38017
Phone: 901-861-4400
Fax: 901-861-4492

-----Original Message-----

From: Kraft.Erik@epamail.epa.gov [mailto:Kraft.Erik@epamail.epa.gov]
Sent: Tuesday, February 19, 2008 8:04 AM
To: Annie Stout
Subject: RE: Nitrapyrin Technical; 11603-xxx

Annie,

I've been on vacation for 2 weeks and just got back this morning. Please give me a call and refresh my memory on this one, and I'll take care of this for you, I remember talking to you about it but after such a long time I don't recall all the details.

-Erik

Annie Stout
<annies@manainc.com>

02/05/2008 09:42
PM

Erik Kraft/DC/USEPA/US@EPA

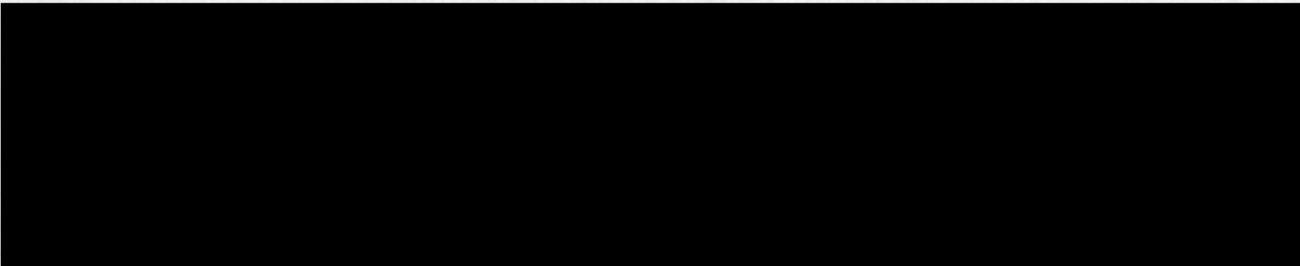
Leanne Pruett
<lpruett@manainc.com>, Jane
Rothwell <janer@manainc.com>

To

cc

Subject
RE: Nitrapyrin Technical;
11603-xxx

Hi Erik,
I finally have the revised CSF that needs to be added to our file as the basic instead of the one submitted with the original application.




Let me know if I need to submit this through "formal" channels with a cover letter and 8570-1 Application form.

Thanks, and sorry it took me so long.
Anne Stout
MANA, Inc.
Mail: PO Box 805, Collierville, TN 38027
Courier: 362 New Byhalia, Ste 1, Collierville, TN 38017
Phone: 901-861-4400
Fax: 901-861-4492

-----Original Message-----
From: Annie Stout
Sent: Tuesday, December 18, 2007 11:29 AM
To: 'kraft.erik@epa.gov'
Cc: Annie Stout
Subject: Nitrapyrin Technical

Hi Erik,
I'll be sending the revised label and CSF as soon as I get all the details from my commercial team.

Anne Stout
MANA, Inc.
Mail: PO Box 805, Collierville, TN 38027
Courier: 362 New Byhalia, Ste 1, Collierville, TN 38017
Phone: 901-861-4400
Fax: 901-861-4492

(See attached file: scan of Nitrapyrin Technical CSF adding
.pdf)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

October 18, 2007

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

PLEASE RETURN A COPY OF THIS LETTER WITH PAYMENT
Or Pay On-Line at www.Pay.Gov (See Below for Details)

OPP Decision Number: D-385186
EPA File Symbol or Registration Number: 11603-UL
Product Name: NITRAPYRIN TECHNICAL
EPA Receipt Date: 17-Oct-2007
EPA Company Number: 11603
Company Name: AGAN CHEM MFG, LTD

EPHI GUR
MAKHTESHIM-AGAN OF NORTH AMERICA INC
AGAN CHEM MFG, LTD
4515 FALLS OF NEUSE RD STE 300
RALEIGH, NC 27609-

SUBJECT: Receipt of Registration Application Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your application for registration. If you submitted data with this application, the results of the PRN-86-5 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R310

NEW PRODUCT;NON-FAST TRACK (INCLUDES REVIEWS OF PRODUCT
CHEMISTRY;ACUTE TOXICITY;PUBLIC HEALTH PEST EFFICACY);

Please remit payment in the amount of: \$ 4,360 to:

By USPS:
USEPA Washington Finance Center
Pesticide Registration Service Fee
PO Box 979074
St. Louis, MO 63197-9000

By Courier:

U.S. Bank
Government Lockbox 979074
1005 Convention Plaza
SL-MO-C2-GL
St. Louis, MO 63197
Telephone: (412) 236-2294

All payments must be in United States currency by check, bank draft, or money order drawn to the order of the Environmental Protection Agency. To ensure proper credit, please write the OPP DECISION NUMBER on your check, and enclose a copy of this letter with your payment.

Effective November 1, 2006, fees may be paid on-line via credit card or electronic fund transfer. To submit a payment on-line, visit www.pay.gov. From the pay.gov home page, select "search by form name." From the next page, select "P," then click on "Pesticide Registration Improvement Act. Fee Payment" and complete the form, making certain to use the decision number and registration number on the invoice you receive from the Pesticide Program in the space provided.

You may be eligible for a partial waiver of the registration service fee if, for example, you qualify as a small business or are applying for a minor use, or if your application is solely associated with an IR-4 tolerance petition. Please be advised that if you intend to request a waiver, you must do so in writing within 15 days of receipt of this invoice instead of remitting the amount indicated above. OPP will not consider waiver requests after the registration service fee has been paid. Information regarding eligibility and how to request and document a fee waiver is available on the OPP Fee for Service web site at www.epa.gov/pesticides/fees.

Please send Registration Service Fee Waiver requests to:

By USPS:

Document Processing Desk (WAIVER)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
1200 Pennsylvania Ave NW
Washington, DC 20460

By Courier:

Document Processing Desk (WAIVER)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Room S4900 Potomac Yard 1
2777 S. Crystal Dr.
Arlington, VA 22202

A PRIA decision time review period will not start until a fee waiver is granted and/or the Agency receives certification that the outstanding fee has been paid. If the Agency does not receive certification of payment for this action or a fee waiver request within the next 45 days, the Agency will presume that you no longer want to pursue this action. The Agency will then initiate a process that may result in administrative withdrawal of this action.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman at (703) 305-6249.

Sincerely,

A handwritten signature in cursive script that reads "Teresa Downs".

Front End Processing Staff
Information Technology & Resources Management Division

Fee for Service

M
{818404}~

This package includes the following

- New Registration
Amendment

✓ Studies? Fee Waiver?
volpay % Reduction: ____

for Division

- AD
BPPD
• RD

Risk Mgr. 23

Receipt No.

S- 818404

EPA File Symbol/Reg. No.

11603-UL

Pin-Punch Date:

10/17/2007

☐ This item is NOT subject to FFS action.

Action Code:

Requested:

R 31

Granted:

R 310

Amount Due: \$ 4,360⁰⁰

Parent/Child Decisions:

☒ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer: J. Miller

Date: 10/18/07

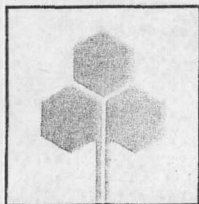
Remarks:

Technical + Impurities only. NO Inerts.

A. DeBosau
10/18/07 59

ISB'S Front-end PRIA Completeness Screen
Draft 2; 10/3/07

EPA Reg. Number: <u>11603-UL</u>		EPA Receipt Date: <u>OCT 17 2007</u>	
	Check List Item	Yes	No
1	Has the PRIA Fee been Paid ; is a copy of the check or Pay.gov receipt included in the Submission Package?		X
2	Is an Application Form (EPA Form 8570-1) Included in the Submission Package, is it completely filled out and signed including package type?	X	
3	Is a Confidential Statement of Formula (EPA Form 8570-29) Included in the Submission Package, is it completely filled out and signed (boxes 1-21)?	X	
4	Is a Formulator's Exemption Statement (EPA Form 8570-27) Included in the Submission Package?		X
5	Is a Certification with Respect to Citation of Data (EPA Form 8570-34) Included in the Submission Package?	X	
6	Is a Data Matrix (EPA Form 8570-35) Included in the Submission Package?	X	
7	Is a Label Included in the Submission Package?	X	
8	Are Data Included in the Submission Package?	X	
9	Is the Submission an Amendment?		X



**Makhteshim Agan of
North America, Inc.**

MANA

October 9, 2007

Document Processing Desk (REGFEE)
Office of Pesticide Programs (7504P)
USEPA
One Potomac Yard
2777 S. Crystal Drive, Room S-4900
Arlington, VA 22202

Attn: JoAnne Miller (23)
Registration Division
Phone: 703-305-6224

Re: Application to Register a new product containing a currently registered active ingredient
Nitrpyrin Technical – EPA Reg. No. 11603-xxx
Me-Too Registration
Fee for Service – Category R 31, \$4200, 6 month review process

Dear Mr. Tompkins:

Makhteshim Agan of North America, Inc., as agent for Agan Chemical Manufacturers, Ltd., is requesting registration of the above referenced product. This product is substantially similar to Dow's N-Serve TG- EPA Reg. No. 62719-21. We are using the cite-all method of data support.

In support of this submission, the following documents are attached:

- Application for Pesticide Registration (EPA Form 8570-1)
- Confidential Statement of Formula (EPA Form 8570-4)(2 copies)
- Certification with Respect to Citation of Data (EPA Form 8570-34)
- Transmittal Document
- Three copies each of Product Properties, Five Lots Analysis, and Product Chemistry listed on the Transmittal Document
- Data Matrix (EPA Form 8570-35)
- Five copies of draft labeling
- Copy of Dow's N-Serve TG-EPA Reg. No. 62719-21

Should you have questions about this application, please call me at 901-861-4400 or email at jane@manainc.com.

Sincerely,

Jane Rothwell
Registration Specialist
Enclosures



**Makhteshim Agan of
North America, Inc.**

TRANSMITTAL DOCUMENT

Application to Register
Nitrapyrin Technical – 11603-xx

Submitter:

Agan Chemical Manufacturer's Ltd. c/o Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Rd., Suite 300
Raleigh, NC 27609

Regulatory action/reason for submission:

Application for Registration of a technical containing a currently registered active ingredient

Transmittal date: October 9, 2007

List of submitted studies:

MRID NO.	STUDY TITLE
	Nitrapyrin Technical- Product Properties: Group A-Product Identity, Composition, and Analysis-OPPTS:830.1550,830.1600,830.1620,830.1670,830.1750,830.1800;Author: I. Gorban, Ph.D.; August 2007; Agan Chemical Manufacturers, Ltd., #90009875
	Nitraprin Technical- Five Lots Analysis and Method Validation: OPPTS: 830.1550,Product Identity and Composition, 830.1700, Preliminary Analysis, 830.1800, Enforcement Analytical Method; Author: I. Gorban, Ph.D., August 2007; Agan Chemical Manufacturers Ltd., #90009874
	Nitrapyrin Technical: Product Chemistry, Subdivision D: Guideline Series 63; Author:Robert Everich, Ph.D. October 1, 2007; Makhteshim Agan of No. America, Inc

Company official:

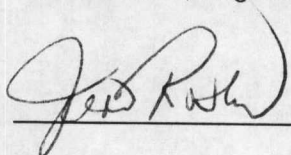
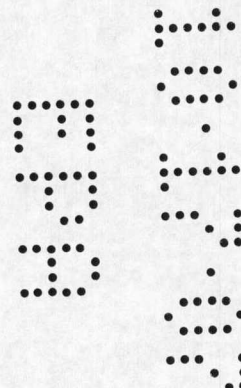
Leanne Pruett, Product Manager
919-256-9323

Company name:

Makhteshim Agan of North America, Inc.

Company contact:

Jane Rothwell, Registration Specialist


_____



United States
Environmental Protection Agency
Washington, DC 20460

☒ Registration
☐ Amendment
☐ Other

OPP Identifier Number

404

Application for Pesticide - Section I

1. Company/Product Number 11603- xx L/L	2. EPA Product Manager Jo Anne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Nitrpyrin Technical	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Agan Chemical Manufacturers, Ltd., c/o Makhteshim Agan of North America, Inc., 4515 Falls of Neuse Rd., Suite 300, Raleigh, NC 27609 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 62719-21 Product Name N-Serve TG	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Application to register a new product containing the currently registered active ingredient nitrpyrin.

REGFEE R31

\$ 4,200.00

Email: janer@manainc.com

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input checked="" type="checkbox"/> Other (Specify) plastic	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 55 lbs		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other self-adhesive			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Jane Rothwell	Title Registration Specialist	Telephone No. (Include Area Code) 901-861-4400
2. Signature 		6. Date Application Received (Stamped) JAN 9 2007
3. Title Registration Specialist		
4. Typed Name Jane Rothwell		
5. Date 10-9-07		



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Agan Chemical Ltd., c/o MANA 4515 Falls of Neuse Rd, Ste 300, Raleigh, NC 27609, 919-256-9300	EPA Registration Number/File Symbol 11603-xx
Active Ingredient(s) and/or representative test compound(s) nitrapyrin	Date 10-9-07
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) terrestrial food	Product Name Nitrapyrin Technical

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

<input checked="" type="checkbox"/> I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).	<input type="checkbox"/> I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).
---	--

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date 10-9-07	Typed or Printed Name and Title Jane Rothwell, Registration Specialist
---------------	-----------------	---

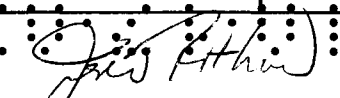


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date 10-9-07			EPA Reg No./File Symbol 11603-xx		Page 1 of 2
Applicant's/Registrant's Name & Address Agan Chemical Manufacturers, Ltd., c/o Makhteshim-Agan of No. America, Inc., 4515 Falls of Neuse Rd, Suite 300, Raleigh, NC 27609			Product Nitrapyrin Technical		
Ingredient nitrapyrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS: 830.1550,830.1600,	Nitrapyrin Technical: Product Properties, Group A,		Makhteshim Agan of North America, Inc.	OWN	
830.1620,830.1670,830.1750,	Product Identity, Composition and Analysis				
830.1800					
OPPTS: 830.1550,830.1700,	Nitrapyrin Technical: Five Lots Analysis and Method		Makhteshim Agan of North America, Inc.	OWN	
830.1800	Validation: Product Identity and Composition, Preliminary				
	Analysis, Enforcement Analytical Method				
OPPTS:830:6301,6302,6303,6304	Nitrapyrin Technical: Product Chemistry, Sub D, Series 63		Makhteshim Agan of North America, Inc.	OWN	
6313,6312,6307					
all other data submitters	all other data submitters		Dow Chemical Co.	PAY	
			1500 East Lake Cook Rd.		
			Buffalo Grove, IL 600089		
			Spray Drift Task Force, 1900 K Street, NW	MEM	
			Washington, DC 20006		
			Agricultural Reentry Task Force	MEM	
			1350 I St., NW, Washington, DC 20005		
Signature: 			Name and Title Jane Rothwell, Registration Specialist	Date 10-9-07	

EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy



Form Approved OMB No. 2070-0060

DATA MATRIX

Page 2 of 2

Product	Nitrapyrin Technical
---------	----------------------

[illegible]

Date
10-9-07